Part 1. Physical and Economic Benefits. Repeat this block for each ca	ategory of pub	olic or non-pub	lic benefit quant	ified					
PUBLIC BENEFITS									
ECOSYSTEM IMPROVEMENT									
1. Physical Benefit Name: Ecosystem				Notes:					
2. Physical Benefit Measurement Units: acres				Notes:					
			2030			2070			
3. Net Physical Benefit Measurement <sup>1</sup>	Page #	With Project Without Project		Difference	With Project	Without Project		erence	
		201.0	0.0	201.0	201.0	0.0	20	01.0	
4. Annual Economic Benefit, 2015 \$ Million/Year				\$ 0.22			\$	0.22	
RECREATION									
1. Physical Benefit Name: Recreation	. Physical Benefit Name: Recreation				Notes:				
2. Physical Benefit Measurement Units: visitor days per year				Notes:					
3. Net Physical Benefit Measurement <sup>1</sup>			2030	2070					
	Page #	With Project	Without Project	Difference	With Project	Without Project		erence	
		277,683	-	277,683	277,683	-	277,683		
4. Annual Economic Benefit, 2015 \$ Million/Year				\$ 1.93			\$	1.93	
			1						
5. Total Annual Monetized Benefit for the Category (sum of all row 4s.)				\$ 2.15			\$	2.15	
NON-PUBLIC BENEFITS									
1. Physical Benefit Name: Water Supply (M&I and Agriculture)				Notes:					
Physical Benefit Measurement Units: thousand acre-feet per year				Notes:					
			2030		2070				
3. Net Physical Benefit Measurement <sup>1</sup>	Page #	With Project	Without Project	Difference	With Project	Without Project	Diffe	erence	
		3.8	0.0	3.8	11.2	0.0	1	1.2	
4. Annual Economic Benefit, 2015 \$ Million/Year				\$ 2.52			\$	16.34	

<sup>1</sup> Net of any non-mitigated physical effects

Sum of Annual Economic Net Benefits by Type	Page #	Ecosystem	Water Quality	Flood Control	Emergency Response	Recreation	Total Public Benefits	Non-Public Benefits	Total public and non-public benefits <sup>1</sup>
Sum of 2030 benefits from Part 1, Row 5		\$ 0.22	\$ -	\$ -	\$ -	\$ 1.93	\$ 2.15	\$ 2.52	
Sum of 2070 benefits from Part 1, Row 5		\$ 0.22	\$ -	\$ -	\$ -	\$ 1.93	\$ 2.15	\$ 16.34	
Present Value of Benefits over Planning Horizon using 3.5% Discount Rate		\$ 5.01	\$ -	\$ -	\$ -	\$ 45.01	\$ 50.02	\$ 221.44	\$ 271.45
Present Value of Total Project Costs Allocated to each Benefit Category		\$ 7.77	\$ -	\$ -	\$ -	\$ 69.84	\$ 77.61	\$ 343.59	\$ 421.19
Capital Costs Allocated to Each Benefit Category		\$ 5.98	\$ -	\$ -	\$ -	\$ 53.72	\$ 59.70	\$ 264.30	\$ 324.00
Total Requested Program Cost Share									_

<sup>1</sup> Present value of total public and non-public benefits, total project costs, and total Program funding request must match numbers in Part 3

Part 3. Present Value of Project Costs, Cost-Effectiveness Measure, and Public Benefit Ratio, Million 2015 \$ Present Value

	Page #	_	15 \$ Million sent Value
Project Costs			
Capital costs as defined in Program regulations		\$	324.00
Interest during construction		\$	17.07
Annual Costs (including future environmental/compliance, OM&R, and replacement costs)		\$	80.12
		\$	-
		\$	-
		\$	-
Present Value of Total Project Costs <sup>1</sup>		\$	421.19
Present Value of Cost of Least-Cost Alternative that Provides the Same Total Physical Benefits			TBD
Present Value of All Public and Non-public Benefits <sup>1</sup>		\$	271.45
Ratio of Present Value of Total Monetized Net Benefits to the Total Project Costs			0.64
Present Value of Public Benefits <sup>1</sup>		\$	50.02
Total Requested Program Cost Share <sup>1</sup>		\$	11.95
Public Benefit Ratio: Ratio of Present Value of Monetized Net Public Benefits to the Total Requested Program Cost Share			4.19
1 Must match numbers in Part 2			

Must match numbers in Part 2